



DATE: May 23, 2002

SHEET 2 of 4

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.	SERIAL NO.
		6724.US.P1	09/941,471
		APPLICANT(S)	
		Gang Liu, et al	
		FILING DATE	GROUP
		August 29, 2001	1614
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98 (b))			

U.S.PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC-ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS-LATION
							YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	C8	Ahmad et al, "Osmotic Loading of Neutralizing Antibodies Demonstrates a Role for Protein-Tyrosine Phosphatase 1B in Negative Regulation of the Insulin Action Pathway", J. Biol. Chem. (1995) 270:20503-20508
	C9	Elchebly et al, "Increased Insulin Sensitivity and Obesity Resistance in Mice Lacking the Protein Tyrosine Phosphatase-1B Gene", Science (1999) 283: 1544-1548
	C10	Klaman et al, "Increased Energy Expenditure, Decreased Adiposity and Tissue-Specific Insulin Sensitivity in Protein-Tyrosine Phosphatase 1B-Deficient Mice", Molecular and Cellular Biology (2000) 20: 5479-5489
	C11	Hunter et al, "Protein-Tyrosine Kinases", Ann. Rev. Biochem (1985) 54:897-930
	C12	Wiener et al, "Overexpression of the Protein Tyrosine Phosphatase PTP1B in Human Breast Cancer: Association with p185c-erb-2 Protein Expression", J. Natl. Cancer Inst. (1994) 86: 372-378
	C13	Noguchi et al, "Role of SH-PTP2, a Protein-Tyrosine Phosphatase with Src Homology 2 Domains, in Insulin-Stimulated Ras Activation", Molecular Cellular Biology (1994) 14:6674-6682
	C14	Flint et al, "Multi-site phosphorylation of the protein tyrosine phosphatase, PTP1B: identification of cell cycle regulated and phorbol ester stimulated sites of phosphorylation", The EMBO Journal (1993) 12: 1937-1946
	C15	Mauro et al, "Identification of a Hormonally Regulated Protein Tyrosine Phosphatase Associated with Bone and Testicular Differentiation", Journal of Biological Chemistry (1994) 269: 30659-30667
	C16	Wang et al, "Mechanism of Inhibition of Protein-Tyrosine Phosphatases by Disodium Aurothiomalate", Biochemical Pharmacology (1997) 54:703-711
	C17	Mauro et al, "Zip Codes" direct intracellular protein tyrosine phosphatases to the correct cellular 'address', TIBS (1994) 19: 151-155
	C18	Tonks et al, "Purification of the Major Protein-tyrosine-phosphatases of Human Placenta", J. Biol. Chem. (1998) 263: 6722-6730

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SHEET 3 of 4

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 6724.US.P1	SERIAL NO. 09/941,471
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT(S) Gang Liu, et al	
		FILING DATE August 29, 2001	GROUP 1614
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		DOCUMENT NUMBER	PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

C19	Cool et al, "cDNA isolated from a human T-cell library encodes a member of the protein-tyrosine-phosphatase family", Proc. Natl. Acad. Sci. USA (1989) 86: 5257-5261
C20	Lombroso et al, "Molecular characterization of a protein-tyrosine-phosphatase enriched striatum", Proc. Natl. Acad. Sci. USA (1991) 88: 7242-7246
C21	Plutzky et al, "Isolation of a src homology 2-containing tyrosine phosphatase", Proc. Natl. Acad. Sci USA (1992) 89: 1123-1127
C22	Vogel et al, "Activation of a Phosphotyrosine Phosphatase by Tyrosine Phosphorylation", Science (1993) 259: 1611-1614
C23	Feng et al, "SH2-Containing Phosphotyrosine Phosphatases as a target of Protein-Tyrosine Kinases", Science (1993) 259: 1607-1611
C24	Ralph et al, "Structural Variants of Human T200 glycoprotein (leukocyte-common antigen)" The EMBO Journal (1987) 6: 1251-1257
C25	Streuli et al, "A New Member of the Immunoglobulin Super Family that has a Cytoplamic Region Homologous to the Leukocyte Common Antigen", J. Exp. Med. (1988) 168(5): 1523-1530
C26	Krueger et al, "Structural Diversity and Evolution of Human Receptor-Like Protein Tyrosine Phosphatases", The EMBO Journal (1990) 9: 3241-3252
C27	Beaulieu et al, "Ligands for the tyrosine kinase p56lck SH2 domain: Discovery of potent dipeptide derivatives with monocharged, nonhydrolyzable phosphate replacements" J. Med. Chem. (1999) 42: 1757-1766
C28	Andersen et al, "2-(Oxalamino)-benzoic acid is a general, competitive inhibitor of protein-tyrosine phosphatases" J. Biol. Chem. (2000) 275: 7101-7108
C29	Iversen et al, "Structure-based design of a low molecular weight nonphosphorus, nonpeptide, and highly selective inhibitor of protein-tyrosine phosphatase 1B", J. Biol. Chem. (2000) 275: 10300-10307

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SHEET 4 of 4

Form PTO - 1449 (Modified)

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(Modified) PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
6724.US.P1SERIAL NO.
09/941,471

APPLICANT(S)

Gang Liu, et al

FILING DATE

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	INVENTOR	CLASS	SUB CLASS	FILING DATE

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLIC- ATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANS- LATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

20	C30	Abstract XP002195161. Podesva, C et al: Canadian Journal of Chemistry (1968) 46: 435-439
20	C31	Abstract XP002195162. Peet, Norton P. et al: Journal of Heterocyclic Chemistry (1980) 17: 1513-1518
20	C32	Abstract XP002195163. Lee, Sang-Gi et al: Synthetic Communications (1996) 26: 4623-4632
20	C33	Abstract XP002195164. Ye, Jia-Hai et al: Tetrahedron Letters (1999) 40: 1365-1368
20	C34	Abstract XP002195165. Wakita, Yoshiaki: Journal of Organometallic Chemistry (1985) 297: 379-390
20	C35	Abstract XP002195166. Cannizzo, Sergio et al: Journal of Heterocyclic Chemistry (1990) 27: 2175-2179
20	C36	Abstract XP002195167. Bergman, Jan: Tetrahedron (1986) 42: 3689-3696
20	C37	Abstract XP002195168. Loev, Bernard: Journal of Medicinal Chemistry (1985) 28: 363-366

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Form PTO - 1449 (Modified)

<p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Modified) PATENT AND TRADEMARK OFFICE</p> <p>NOV 29 2007</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use several sheets if necessary)</p> <p>(37 CFR 1.95 (b))</p>		<p>ATTY. DOCKET NO. 6724.US.P1</p> <p>APPLICANT Gang Liu, et al.</p> <p>FILING DATE August 29, 2001</p> <p>SERIAL NO. 09/941,471</p> <p>RECEIVED U.S. PATENT & TRADEMARK OFFICE NOV 3 2002 16002500</p>
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OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

<i>259</i>	C1	Iversen, L.R., et al., "Structure-based Design of a Low Molecular Weight, Nonphosphorus, Nonpeptide, and Highly Selective Inhibitor of Protein-tyrosine Phosphatase 1B", <i>Journ. Of Biol. Chem.</i> , 275 (14):10300-10307 (2000)
	C2	Peters, G. H., et al., "Residue 259 Is a Key Determinant of Substrate Specificity of Protein-tyrosine Phosphatases 1B and α^* ", <i>Journ. Of Biol. Chem.</i> , 275 (24):18201-18209 (2000)

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